

**Serial No. Not Yet Assigned**  
**Atty. Doc. No. 2003P07168WOUS**

**Amendments To The Claims:**

Please amend the claims as shown. Applicants reserve the right to pursue any cancelled claims at a later date.

1.-4. (canceled)

5. (new) An ultrasonic pick-up for acoustically diagnosing machines, comprising:  
a piezoelectric measuring element for generating an electric measurement signal;  
a housing that includes the piezoelectric measuring element;  
an auxiliary power generated from the electric measurement signal;  
a electronic circuit operatively connected to the piezoelectric measuring element, the  
electronic circuit adapted to convert the electric measurement signal to a form suitable for  
transmission to an evaluation device located outside of the housing; and  
a frequency separating filter for separating the electric measurement signal into:  
an evaluation signal in a first frequency range, and  
a supply signal in a second frequency range.

6. (new) The ultrasonic pick-up according to claim 5, further comprising a rectifying  
device for rectifying and smoothing the supply signal.